

<p>similarities and differences using taxonomic nomenclature</p> <p>8C Students will identify characteristics of kingdoms including monerans, protists, fungi, plants, and animals</p> <p>11A Students will identify and describe the relationships between internal feedback mechanisms in the maintenance of homeostasis;</p> <p>11B Students will investigate and identify how organisms, including humans, respond to external stimuli</p> <p>12D Students will identify and illustrate that long-term survival of species is dependent on a resource base that may be limited</p>		<p>Explain how we can compare dissimilar organisms</p> <p>Name the six kingdoms of life as they are now identified</p> <p>Describe the three domain system of classification</p>
Language of Instruction:		Instructional Resources/Textbook Correlations:
<p>Artificial selection</p> <p>Fitness</p> <p>Adaptation</p> <p>Survival of the fittest</p> <p>Natural selection</p> <p>Common descent</p> <p>Homologous structure</p> <p>Vestigial organ</p> <p>Evolution</p> <p>Theory</p> <p>Fossil</p> <p>Gene pool</p> <p>Relative frequency</p> <p>Single-gene trait</p> <p>Polygenic trait</p> <p>Directional Selection</p> <p>Stabilizing selection</p>	<p>Geographical isolation</p> <p>Temporal isolation</p> <p>Paleontologist</p> <p>Fossil Record</p> <p>Extinct</p> <p>Relative dating</p> <p>Geological time scale</p> <p>Era</p> <p>Period</p> <p>Microfossil</p> <p>Macroevolution</p> <p>Adaptive radiation</p> <p>Convergent evolution</p> <p>Coevolution</p>	<p>Textbook - Chapters 15 – 18</p> <p>Lab – Geological Time Line</p> <p>Lab – Natural Selection (Camouflage)</p> <p>Lab – A Bear in the Tree of Life</p> <p>Lab – Evolution Terms</p> <p>Lab – Horse bones</p> <p>Lab – Classifying Shoes</p> <p>Lab – Shark Key</p> <p>Lab – Keying out Texas Fish</p> <p>Lab – Mythical Creature Key</p> <p>Lab – Making your own Dichotomous Key</p>
		Weblinks/Other Resources:

<p>Disruptive selection Genetic drift Founder effect Hardy-Weinburg principle Genetic equilibrium Speciation Reproductive isolation Behavioral isolation Bacteria Eubacteria Archaea Archaeobacteria Eukarya Protista Fungi Plantae Animalia</p>	<p>Punctuated equilibrium Taxonomy Binomial nomenclature Genus Taxon Family Order Class Phylum Kingdom Phylogeny Evolutionary classification Cladogram Domain</p>	<p>TAKS Tune-up book TexTeams Lab Glenco Biology Book Record of Life- Video</p>
Evaluation/External Assessment/Local Assessment:		Best Instruction Timeline:
<p>Chapter Worksheet TAKS Bell Ringers Lab reports Daily Work Homework Teacher – designed test</p>		<p>4 days – Evolution and Natural Selection 2 days – Geologic Time 2 days – Dichotomous Keys 2 days - Assessment</p>